

. . . . CONTINUED FROM SHEET A-1.3

3.03 INSTALLATION OF UNDERLAYMENTS

- A. General:
1. Install using methods recommended by manufacturer, in accordance with NOA and local building codes. When local codes and application instructions are in conflict, the more stringent requirements shall take precedence.
- B. Eaves:
1. Install eaves edge metal flashing tight with fascia boards; lap joints 2 inches (50 mm) and seal with plastic cement or high quality urethane sealant; nail at the top of the flange.
  2. On all roofs between 2/12 and 4/12 (low slopes) install eaves protection membrane up the slope from eaves edge a full 36 inches or to at least 24 inches (610 mm) beyond the interior "warm wall". Lap ends 6 inches (150 mm) and bond.
- C. Roof Deck:
1. Install one layer of roof deck underlayment over the entire area not protected by eaves or valley membrane. Install sheets horizontally so water sheds and nail in place.
    - a. On roofs sloped at more than 4 in 12, lap horizontal edges at least 2 inches (50 mm) and at least 2 inches (50 mm) over eaves protection membrane.
    - b. On roofs sloped between 2 in 12 and 4 in 12, lap horizontal edges at least 19 inches (480 mm) and at least 19 inches (485 mm) over eaves protection membrane.
  2. Lap ends at least 4 inches (100 mm). Stagger end laps of each layer at least 36 inches (915 mm).
  3. Lap underlayment over valley protection at least 6 inches (150 mm).
- D. Deck-Armor™ Application
1. Deck-Armor shall be installed over a clean, dry deck.
  2. Install Weather Watch® or Storm Guard® Leak Barrier at eaves, rakes, and other vulnerable leak areas.
  3. Lay Deck-Armor™ over deck and overlap 3" at side laps and 6" at end laps.
  4. Overlap 12" at end laps.
  5. For side and end laps: fasten Deck-Armor 6" o.c.
  6. For middle of the roll: fasten Deck-Armor 12" o.c.
  7. Completely cover all side laps, end laps and fasteners with tape.
  8. For long term exposure see complete Deck-Armor installation instructions for side lap detail.
  9. Roof is exposed to high winds, therefore apply tape over all fasteners at the center of the roll to prevent rain from entering at the fasteners.

E. Penetrations:

1. Vertical walls: Install eaves protection membrane extending at least 6 inches (150 mm) up the wall and 12 inches (305 mm) on to the roof surface. Lap the membrane over the roof deck underlayment.
2. Rake Edges: Install metal edge flashing over eaves protection membrane and roof deck underlayment; set tight to rake boards; lap joints at least 2 inches (50 mm) and seal with plastic cement; secure with nails.

3.04 INSTALLATION OF SHINGLES

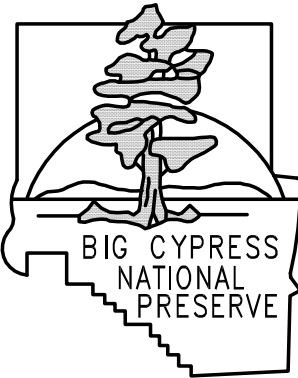
- A. General:
1. Install in accordance with manufacturer's instructions and local building codes. When local codes and application instructions are in conflict, the more stringent requirements shall take precedence.
  2. Minimize breakage of shingles by avoiding dropping bundles on edge, by separating shingles carefully (not by "breaking" over ridge or bundles), and by taking extra precautions in temperatures below 40 degrees F (4 degrees C).
  3. Handle carefully in hot weather to avoid scuffing the surfacing, or damaging the shingle edges.
- B. Placement and Nailing:
1. Secure with 6 nails per shingle and per Miami-Dade County's NOA instructions.
  2. Placement of nails varies based on the type of shingle specified. Consult the application instructions for the specified shingle for details.
  3. Nails must be driven flush with the shingle surface. Do not overdrive or underdrive the nails.
  4. Shingle offset varies based on the type of shingle specified. Consult the Miami-Dade NOA for the specified shingle for details.
- C. Penetrations
1. All Penetrations are to be flashed according to GAF-Elk, ARMA and NRCA application instructions and construction details.

3.05 PROTECTION

- A. Protect installed products from foot traffic until completion of the project.
- B. Any roof areas that are not completed by the end of the workday are to be protected from moisture and contaminants.

END OF SECTION

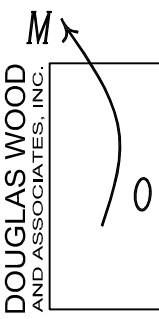
END OF SPECIFICATIONS



HISTORIC MONROE STATION  
STABILIZATION  
at  
BIG CYPRESS NATIONAL PRESERVE  
BICY Contract No. C5120085452

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